



...CLUB NEWSLETTER EST. 1947

Southern California DX Club Newsletter

APRIL 2015

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Diana, AI6DF, at:

ai6df@scdxc.org

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0



"If you need him get in there and work him"

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From the Desk of the President

George Jacob, N6VNI
2015 President – SCDXC
N6VNI@scdxc.org

Hello All.

This edition of the newsletter will be shorter than recent issues, really not that much to tell about until it happens.

First there will be NO April meeting. Again, No April 2015 meeting.

If you want to see your ham radio friends you will have to travel to Visalia for the International DX Convention April 17th 18th and 19th at the Marriott Hotel Visalia, about 190 miles north of Los Angeles on Hwy 99. If you have not made reservation yet, you do not want to wait much longer. There are several hotels supporting the convention, however they are selling out quickly. So again do not wait if you want to attend.

The dinner arrangement at the Sizzler Restaurant continues to get better every time we meet there. Thursday March 12th there were thirty one members attending for dinner. Down by eight from the month before, however still an outstanding count. I will continue to send out an email to the entire membership about dinner and the meeting plus the guest speaker. I feel that the attendance is up by doing so.

For those of you who could not make the meeting Carl Gardenias WU6D put on an excellent presentation about the design, construction, and the operation of his 160 meter vertical antennas. I must say that I was part of the construction phase of Carl's project and I learned a lot about how these antennas were built and then was invited to operate the station using those antennas. Thank you Carl.

Until the next time, I am looking forward to seeing the membership at the IDXC in Visalia, CA. Let's have a great turn out from the South to support the North.

73

De

George Jacob N6VNI
SCDXC President. ♦



George, N6VNI

Treasurer's Report

Club financial information is available on request. Contact the Treasurer.

Officer Guidelines

The SCDXC's Officers Guidelines are available on our website. See hyperlink below.

Code of Conduct

SCDXC endorses the DX Code of Conduct

Membership

SCDXC membership is open to all radio amateurs interested in DXing. Full Membership is only available to those residing in 11 Southern California counties who have earned DXCC or WAZ. Associate Members are also welcomed.

Dues are \$24 annually (+\$6 for each additional family member.) An application form appears in this newsletter and on our website. For additional membership information and information about the SCDXC visit our website at:

<http://www.scdxc.org/>

Vice President's Corner

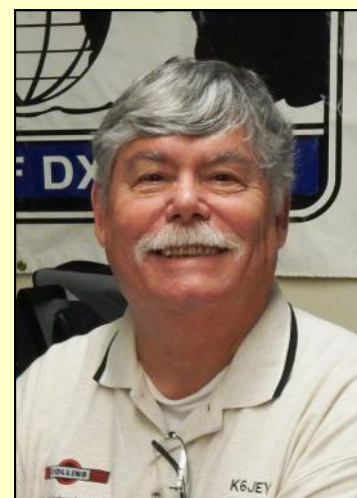
Doug Millar, K6JEY
2015 SCDXC Vice President
drzarkof56@yahoo.com

I hope to see lots of members at the Visalia Convention this month. It should be a good time to hang out with friends and see what is going on with equipment and DX activities.

For our May and June Meetings, please send in any station pictures you might have. We will also have more microphone comparisons.

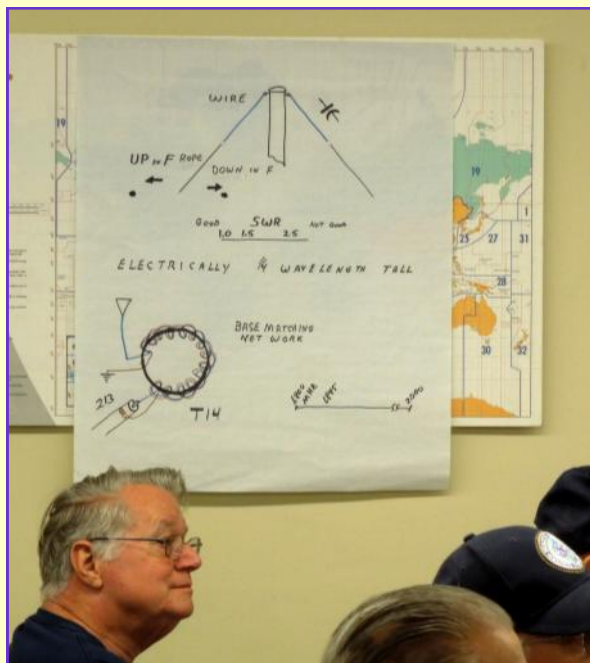
May's speaker is Joe Locascio K5KT. Joe is going to talk about changing out his antenna system. He says there were a lot of details that might not be obvious to the casual observer about what is needed. I think the talk will be interesting and instructive..

73,
Doug K6JEY ♦



Doug, K6JEY

Photos from the March 12, 2015, SCDXC meeting: Carl, WU6D, discusses his 160-meter antenna

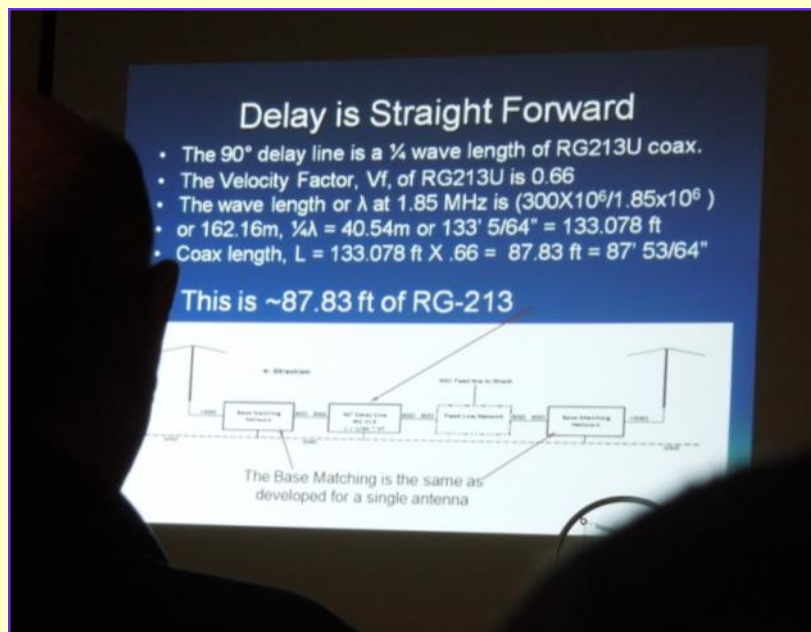


Upper right: Carl Gardenias, WU6D, discusses development of his 160-meter antenna in Perris, CA.

Above: Carl also showed antenna design diagrams.

Right: Carl explained he used RG-213 coax for an 87.83-foot matching network enabling this coax's 0.66 velocity factor to raise the antenna's impedance from 30 to 50 ohms, avoiding a balun.

PHOTOS: DIANA FEINBERG, AI6DF



Unique DX0P team to Spratly Islands during April 14-20 has many California members—but largely self-funded

Diana Feinberg, AI6DF
Editor – SCDXC Newsletter

Getting DXpeditions onto the Spratly Islands in the South China Sea hasn't been easy...and likely to get more difficult as these islands increasingly become militarized.

Currently #75 on ClubLog's "Most Wanted" list, a unique opportunity to work the Spratlys' Pagasa Island takes place April 14-20, 2015, with the first-ever Spratly DXpedition team entirely of Filipino ancestry—and a strong California connection.

Leading this team are two California amateur operators: Leo Almazan, WA6LOS from San Diego, and Joel Pastor, WJ1P of Rancho Palos Verdes. Along with other Filipino-American and Filipino DXers/contesters in the Mabuhey DX Group they received permission to operate as DX0P on Pagasa Island, site of a Philippine military base and small civilian community.

An Australian-led team intended to operate as DX0P in 2012 but their DXpedition request was abruptly cancelled without public explanation. As the current DX0P team explains on its website, <http://www.dx0p.org/>, "red tape" is a major hurdle in gaining operating approval on Pagasa Island.

The 2015 DX0P team has received equipment donations from Elecraft (three K3's with KPA-500 amplifiers), N6BT and StepIR antennas, Heil Sound, and TigerTronics along with a very small grant from the International DX Foundation. But a hoped-for donation from the Northern California DX Foundation did not materialize—requiring DX0P to become almost entirely self-funded for logistics, travel, accommodation, and other expenses.

The team has set up a "Donate" button on its website and Facebook page in hopes of securing some additional funding. Their situation highlights the many DXpeditions where team members generously spent their own funds for enabling hams worldwide to make QSOs with hard to reach locations.

As many SCDXC members know, the Spratlys are claimed--either entirely or partly--by China, Taiwan, the Philippines, Vietnam, Malaysia, and Brunei. Recent Spratly DXpeditions (see adjoining table) have mostly been on a Malaysian island that has a military presence but also a top diving resort. China is currently building a military air base and runway on Fiery Cross Reef after establishing a military garrison on another reclaimed island. Vietnam also has a militarized island.

So if you have a chance later this month try working DX0P on Pagasa Island. It's during the Visalia DX convention but April 14-20 reflects a narrow travel window each year for landing on Pagasa. And to the DX0P team: thanks for going there. ♦



DX0P On-Island Team:

WA6LOS Leo Almazan, San Diego, CA
 WE6DX Billy Villegas, San Diego, CA
 WJ1P Joel Pastor, Rancho Palos Verdes, CA
 WW6CP Chito Pastor, Los Angeles, CA
 DU1BP Jose (team physician)
 DU2BOQ Joseph
 DU7RJA RJ
 DV1JM Jun
 DV3KWM Ven

DX0P Off-Island Team:

Logistics:

K6BF Bern Fernandez, Oxnard, CA
 K6BG Alex Fernandez, Hercules, CA

Webmaster: www.dx0p.org

AE6WR Wendell Paypa, Porterville, CA

Recent Spratly Islands DXpeditions

IS, Spratly Islands	Year	Days	OPs	QSOs	Uniques
9M4SLL	2013	9	8	43,706	15,166
9M0L	2012	14	18	41,688	13,319
9M0C	1998	12	13	65,524	21,977
9M0S	1993	7	9	37,000	n/a
1S0XV, 1S1RR	1990	12	4	43,265	n/a

Tidbits...

Field Checking of QSL Cards by N6QQ and N6HC

QSL cards for new DXCC awards and endorsements may be checked by an approved DXCC Card Checker. This program applies to any DXCC award for an individual or station. Awards available can be found in Section I: Basic Rules, [Rule 1](#).

1) Entities Eligible for Field Checking:

With an exception for 160 meters, cards for all current and deleted entities dating back to November 15, 1945 can be checked. Cards for 160 Meters can only be checked by card checkers who currently hold an active 160 Meter DXCC. Check out the complete list of [DXCC 160 Meter Card Checkers](#).

CQ AWARDS...

CQ Awards except 160 Meter WAZ, Digital WAZ, 6 Meter, Satellite, EME and 5BWAZ endorsements and new 5BWAZ applications with 170 or more zones.

Both Arnie, N6HC, and John, N6QQ, can check cards. If you live in Orange County, Arnie would be happy to check cards for both ARRL and CQ. If you would like to contact N6QQ, call 562-404-1112 or n6qq@msn.com ♦

SCDXC Summer Picnic set for Sunday, June 7

Mark your calendars now for the **SCDXC's annual Summer Picnic on Sunday, June 7, 2015, from 11:00 am+ in Woodley Area Park's Grove 1** near the Donald C. Tillman Water Reclamation Plant in "Van Nuys-adjacent". This is the same area as previous SCDXC June picnics with plenty of shade trees for everyone; a menu of hamburgers, veggie burgers, and hot dogs provided by the club; along with numerous side dishes provided by SCDXC members. More info to follow. ♦

Next SCDXC Board Meeting

The next SCDXC Board of Directors meeting will be Saturday, May 9, at 10:00 am in the home of George and Kris Jacob, 1901 W. El Portal Drive, La Habra, CA 90631. Members are welcome. ♦

NCDXF gives major grants to Southern Oceans DXpeditions

The Northern California DX Foundation recently made sizable donations to the VK0EK Heard Island and VP8 South Georgia & Sandwich Islands DXpeditions. Nevertheless, these DXpeditions still need contributions from individuals and others

VK0EK received a \$50,000 NCDXF grant in late March towards that DXpedition's \$800,000 cost. Earlier in the month the VP8 Intrepid DX Group also received a \$50,000 NCDXF donation.

Our club last year donated \$12,000 to the Northern California DX Foundation from raffle ticket sales at the 2014 International DX Convention. This complied with California law requiring 90% of raffle gross profit to be given to a registered California 501(c)3 nonprofit organization.

The November/December 2015 VK0EK Heard Island team still seeks additional donations from DXers and others, payable to "Heard Island Expedition" at:

Cordell Expeditions
4295 Walnut Blvd.
Walnut Creek, CA 94596

Website: www.heardisland.org

Meanwhile, the VP8 Intrepid group reported on March 30 it had raised \$90,000 of \$215,000 sought from outside the DXpedition team members. A \$54,000 installment payment towards the Braveheart ship is being made on April 1.

The January/February 2016 VP8 DXpedition still projects total expenses of \$425,000. Donations from individuals and others may be made by PayPal to: intrepiddxgroup@gmail.com or by postal mail to:

Intrepid-DX Group
c/o David A Jorgensen, CFO/Treasurer
18645 Cortez Road SE
Deming, NM 88030 USA.

Website: www.intrepid-dx.com/vp8 ♦

More Tidbits...

Next year's International DX Convention needs Webmaster: **How about You?**

The SCDXC is staging the 2016 International DX Convention--and we urgently need a SCDXC member to serve as Webmaster of the 2016 IDXC website.

Can you serve as the 2016 IDXC Webmaster?

Much of the 2014 IDXC website design and framework can be re-used, so our Webmaster does not need to build a new website from scratch. However, some familiarity with website design and operation will be necessary to accommodate changes such as inserting new logos, schedules, events, vendor and attendee listings, the prize pool, etc.

Please advise 2016 IDXC Co-Chair Cathy Gardenias, K6VC, at k6vc@scdxc.org if you can be the convention's Webmaster—your help is really needed! ♦

SCDXC members head to...or return from...DXpeditions

Some DXpedition news during the past month involving SCDXC members:

South Cook Islands: Our **Doug Dowds, W6HB**, and his friend Brad Lee, W0VFT, accompanied by their respective XYL's will operate from Rarotonga in the South Cook Islands (OC-013) during May 17-23, 2015. Doug is using the callsign E51DLD (his initials) and Brad is E51VFT (his U.S. callsign suffix.) They'll be operating from an existing station on Rarotonga and able to use full legal power on 160 through 10 meters.

Chesterfield Islands: SCDXC members **Arnie Shatz, N6HC**, and **David Greenhut, N6HD**, will be operators on the TX3X DXpedition to Chesterfield Islands (OC-176 and #23 on ClubLog Most Wanted list) during October 1-12, 2015. More info to follow in the months ahead.

Santa Catalina Island: Five SCDXC members returned from Catalina Island (NA-066) in early March after a five-day mini-DXpedition for the Palos Verdes Amateur Radio Club as K6PV/6.

Led by **Ray Day, N6HE**, team members included **Clay Davis, AB9A**; **Diana Feinberg, AI6DF**; **Joe Pace, NZ6L**; **Jeff Wolf, K6JW**; and six other PVARC members. This team had to deal with changing weather forecasts for a severe winter storm (severe by California standards) and dismantling antennas much earlier than planned. The team nevertheless made 994 HF QSO's plus 25 satellite contacts to 49 states, 36 DXCC entities, and 448 U.S. counties. **Joe, NZ6L**, and another team member also became the first hams to activate Catalina Island's 1,800-foot Silver Peak for amateur radio's "Summits On The Air" program.

These results reflected 20-meters, normally K6PV/6's most productive band, yielding very few contacts this year. In recent years these DXpeditions typically netted 1,800-2,100 QSOs with 20-meters open and antennas up for the entire DXpedition. But as an offsetting "bonus" this year's team got to witness a large waterspout just offshore as stormy weather passed through the Two Harbors QTH (see photo, left). ♦



Strange weather on this trip: Ray, N6HE, and a waterspout near K6PV/6 DXpedition QTH at Two Harbors, Catalina Island, on March 1, 2015. PHOTO: DIANA FEINBERG, AI6DF

More Tidbits...

Is full-duplex HF communication in your future?

Our past Newsletter Editor Jerry Lewine, K6QU, shares this information with SCDXC members:

A team of Columbia Engineering researchers has invented a technology—full-duplex radio integrated circuits (ICs)—that can be implemented in nanoscale CMOS to enable simultaneous transmission and reception at the same frequency in a wireless radio.

Up to now, this has been thought to be impossible: transmitters and receivers either work at different times or at the same time but at different frequencies. The Columbia team, led by Electrical Engineering Associate Professor Harish Krishnaswamy, is the first to demonstrate an IC that can accomplish this.

The researchers presented their work at the International Solid-State Circuits Conference (ISSCC) in San Francisco on February 25. See:

<http://www.engineering.columbia.edu/new-technology-may-double-radio-frequency-data-capacity-0> ◆

SCDXC members enable 11 young hams to attend IDXC

Many SCDXC members at our March 12th meeting gave spontaneous donations enabling a group of 4th and 5th grade amateur radio operators from Dorothy Grant Elementary School in Fontana, CA, to attend this year's International DX Convention.

SCDXC Treasurer Cathy Gardenias, K6VC, asked everyone to consider a cash donation supporting these youthful operators who could not afford to attend the IDXC. Over \$500 was quickly raised. After another member and Cathy and Carl Gardenias made additional donations there were enough funds covering 11 students' IDXC registrations and meals. Their parents will drive to Visalia and pay for their own dinners.

Cathy adds, "They are so very appreciative of all your help. Thank you once again for bringing youth to amateur radio." ◆

A brief word from SCDXC's Membership Chair

SCDXC Membership Chair Mel Hughes, K6SY, reports:

The 2015 membership renewal period has come to a close with 162 paid memberships.

About 30 percent took advantage of renewing on-line using *PayPal*, the others either used snail mail and check or renewed in cash at a Club meeting. Jim, N6DHz, spent a lot of his valuable time getting the *PayPal* system up, running, and fine tuning it so it is easy to use. I hope more people will use it next year. The system can be used for ordering new badges too.

Unfortunately, 28 who were members in 2014, did not renew and have now been dropped from the SCDXC Roster and Club Log and will no longer be receiving the club newsletter.

I have listed their names and calls to the right, so if you know any of them give them a nudge and see if you can encourage them to rejoin or provide the SCDXC Board with some feedback on why they didn't renew. They can renew on line using *PayPal* or send a check with renewal form to:

Mel Hughes – K6SY
28017 San Nicolas Drive
Rancho Palos Verdes, CA 90275 ◆

Not currently a SCDXC member? Join us now.
Visit our website:

<http://www.scdxc.org/membership.html>

Or use the membership form on page 22 of this SCDXC Newsletter.

WF6A	Bill
K6AV	Jerry
ZL1BBO	Edwin
WB6BFG	Wild Bill
K6DJ	Dayton
W6EOA	Johnny
N6EV	Paul
K6FGV	James
K6FR	Tony
W6GMU	Paul
KK6KHC	Donald
K6OGO	Arthur
N6OPR	Robert
N6OX	Robert
WB6PJC	Arnold
W6PST	Brian
N6RI	David
K6SMF	Neil
W6SMT	Stan
N6SNA	Margaret
W6TJO	Frederick
N6UC	Jack
K6UNR	Bart
WA6URY	Daniel J.
N6UWW	Ellen
K16VC	Vic
W6YY	Sanford
K16ZS	John

Don Wallace Museum Foundation dedicates plaque in memory of W6AM (SK) and his radio ranch

On Wednesday, March 25, 2015 Joe Locascio, K5KT, Chairman of the Don Wallace Museum Foundation, unveiled a new historical plaque in Rancho Palos Verdes dedicated to keeping alive the memory of amateur radio pioneer Don Wallace, W6AM (SK). Don Wallace contributed much to the development of amateur radio in the USA, in California, and most especially on the Palos Verdes Peninsula.

The Don Wallace Museum Foundation was created nearly 30 years ago with the express purpose of building an amateur radio museum on the Wallace Ranch site. Although the museum was never built, the creation of a historical plaque will keep alive the important accomplishments of this internationally known local man. ♦

The plaque in memory of Don Wallace, W6AM; his ranch; and his amateur radio achievements from the Palos Verdes Peninsula. This plaque is affixed to a rock at the Wallace Ranch entrance on Armaga Springs Road in the City of Rancho Palos Verdes.



Attendees at the W6AM Plaque dedication included (from left to right): Dick Norton, N6AA and ARRL Southwestern Division Director; Ken Dyda, President of the Palos Verdes Historical Society; Alex Wallace, grandson of Don Wallace; Joe Locascio, K5KT and Chairman of Don Wallace Museum Foundation; Ron Camp, K6EVR, friend and employee of Don Wallace; and Marty Woll, N6VI and ARRL Southwestern Division Vice-Director.



Alex Wallace (right) speaking about his grandfather Don Wallace, W6AM (SK), and memories of visiting the site, with Joe Locascio, K5KT (left).



The W6AM station site is today the Wallace Ranch community of upscale homes.



January 1, 2015

Dear Amateur Radio & DX Enthusiast,

This year is the 66th consecutive year for the International DX Convention. The meeting, sponsored by the Northern California DX Club, will be held at the beautiful Visalia Convention Center in downtown Visalia, CA. IDXC, the premier DX Convention in the United States, is attended by over 800 serious DX'ers and contesters looking to improve their skills, their stations and see the latest equipment.

Convention Highlights:

- Full day of training on Friday, April 17, 2015: Contesting and DXing Techniques
- Friday Evening Dinner Options: TopBand, IOTA, and Contesting
- Open DX Forum
- 15-20 DX & Technical Seminars
- 35-40 Exhibitors in large Exhibit Hall
- QSL Card Checking
- Great Raffle Prizes
- Eyeball QSOs w/DX Friends
- Excellent Keynote Speakers
- Access to great California vacation destinations (see description on website)
- **Pre-Registration Ends: Wednesday, April 08, 2015**
- **Walk-In Registrations Start On Friday, April 17, 2015**
- Website: dxconvention.org

We intend to make IDXC 2015 the best DX Convention ever, and hope you'll be able to join us.

Sincerely,

John Miller, K6MM
Kevin Rowett, K6TD
Rich Seifert, KE1B
IDXC 2015 Co-Chairmen



Final words on K1N, the Navassa Island DXpedition

Last month's SCDXC Newsletter had a table ranking club members by their number of contacts with the K1N Navassa DXpedition. At least 33 SCDXC members were shown to have 10 or more QSOs with Navassa.

But our table didn't show the SCDXC members who persisted to achieve just one QSO with K1N.

SCDXC member Urban Stiess, W6MPB, cannot have a tower or amplifier at his QTH. Using 100 watts and a roof-mounted antenna he overcame horrendous pile-ups to get his only K1N QSO. It took 22 hours of cumulative persistence before finally working K1N just once. Determination and skill make such contacts all the more notable.

And now, the final words on Navassa come from K1N co-team member Glenn Johnson, K0GJ. Whether you worked Navassa or not, the Twin Cities DX Association's latest "The Grey Line Report" newsletter has Glenn's fascinating insider account of all that happened to get K1N on the air—and to stay operational. Check out this article at:

<http://tcdxa.org/Newsletters/March2015Grayline.pdf>

RIG: YAESU FT-840
ANT: Cushcraft R-3

The screenshot shows the W6MPB logging program interface. At the top, it says "W6MPB sorted by Date". Below that, there's a header bar with "Navassa Island" and "NA098: 100° 2,855Mi". The main log entry shows: Callsign: K1N, Prefix: KP1, Date: 02/14/2015, Time: 23:31, Mode: CW, Band: 15m. Below this, there's a section for "rstS rstR Recvd Zone State County Grid" with values: 599, 599, [blank], 8, [blank], [blank], [blank]. Further down, "Name" and "QTH" are blank, and "QSL Mgr" is N200. The "IOTA" section shows "NA098" and "IOTA Island" as "--". "Freq (kHz)" is blank and "Group" is 8. The "Notes for this QSO" section contains "tx 21,036.20 Rec 21,025.00, R-3". "Sat Name" and "Sat Mode" are blank. The "Notes for this Call" section is blank. At the bottom, "Label" is Y, "QSL Date" is / /, "Cnfm" is N, and "Method" is Direct.

Above: Screen shot from logging program of SCDXC member Urban Stiess, W6MPB, showing his only QSO with the Navassa Island, K1N, DXpedition. He reported spending 22 hours just to get through the pile-ups with only 100 watts and a relatively low antenna..

All-time top 20 DXpeditions, ranked by QSOs: K1N had 9th most contacts

Rank	Callsign(s)	DXCC Entity	Year	Days	OPs	QSOs	Uniques
1	T32C	Eastern Kiribati	2011	32	41	213,090	49,495
2	HK0NA	Malpelo Island	2012	27	20	192,089	43,176
3	VP6DX	Ducie Island	2008	17	13	183,686	38,947
4	FT5ZM	St. Paul and Amsterdam Is.	2014	18	14	170,010	36,302
5	D68C	Comoros	2001	21	26	168,722	45,315
6	7O6T	Yemen	2012	16	15	162,029	37,863
7	3B9C	Rodrigues	2004	25	32	153,016	37,466
8	ZL8X	Kermadec Islands	2010	18	14	148,571	31,219
9	K1N	Navassa Island	2015	15	15	140,004	35,649
10	3B7C	Agalega and St. Brandon	2007	16	20	137,500	33,760
11	VK9DLX, VK9LM	Lord Howe Island	2014	16	16	128,269	30,818
12	ST0R	South Sudan	2011	20	13	121,286	27,994
13	N8S	Swains Island	2007	12	17	116,872	30,198
14	4O3T	Montenegro	2006	25	60	116,474	n/a
15	K5D	Desecheo Island	2009	15	22	115,589	32,362
16	TX5K	Clipperton Island	2013	8	24	113,601	24,480
17	5A7A	Libya	2006	14	29	112,219	31,212
18	VU7RG, VU7MY	Lakshadweep	2007	15	35	110,130	25,204
19	NH8S	Swains Island	2012	10	18	105,455	26,010
20	K9W	Wake Island	2013	14	12	100,031	22,989

Data source: German DX Foundation website, <http://www.gdxf.de/megadxpeditions/honorroll.php>

Upcoming DXpeditions....

By Bill Kendrick, N6RV

We saw three major DXpeditions last month! It started with Eritrea, E30FB. A few days later a large DXpedition from the Congo started up, 9Q0HQ and a few days after that the Malawi DXpedition went into full swing. Read about last months DXpedition to Cocos and the Eritrea DXpedition later in the newsletter.

We are also heading into Trans-equatorial season on 6 meters followed by sporadic E season. If things work out many countries can be worked on double and triple hop Es over the next few months. Triple hop has yielded openings to DX as far as Portugal and Japan. With Chinese hams active we may get lucky! As things ramp up there may even be TE links into Es regions which can yield South American QSOs.

The big DXpeditions now and this month are Spratly, Nepal, Chagos, Reunion, Maldives, Trindade, and Nauru. Again there are plenty of opportunities for new ones... See you on the air. ♦

Blue Information indicate particularly rare entities;

Red information indicate SCDXC member attended DXpedition.

Call	QTH	Start Date	End Date	Information
9N	Nepal	Now	30-Mar	SP2FUD SP9FIH SQ9CNN
VQ9XR	Chagos	Now	27-Mar	N7XR 80-10m CW SSB CW RTTY
C21EU	Nauru	Now	4-Apr	PA3EWP DL6JGN DK2AMM DL2AWG 40-10M CW SSB RTTY
8Q7NT	Maldives	Now	2-Apr	DL1RNT 40-10m CW RTTY PSK
DX0P	Spratly Island	1-Apr	30-Apr	4F2KWT AD5MD DU1BP K6BF K6BG WA6LOS WE6DX WJ1P WW6CP 160-10m CW SSB RTTY
PQ0T	Trindade	3-Apr	6-Apr	PP5BZ PP5JD PY3OZ 160-6m

Useful DX Sites

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DX Coffee
<http://www.dxcffee.com/eng/>

DXing.info
[/www.dxing.info/DXpeditions/](http://www.dxing.info/DXpeditions/)

DX 425 News
www.425dxn.org/dxped/

Dx-info.de
www.dx-info.de

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

N0HR DXpedition Map
www.n0hr.com/wk34/

Contests

By John Schroeder, N6QQ

The Spring conditions are already hopping. 20 Meters showing signs of opening to the Deep Russia areas.

April 4-5 -- SP DX Contest (CW/SSB) - extra points for Polish Provinces

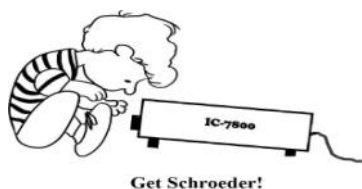
April 11-12 -- JIDX CW Contest - Ok, you need more JA's. I always try to work all 50 Prefectures. Usually work around 40.

April 18-19 -- YU DX CW Contest - Extra points for working the Serbia stations.

April 25-26 -- 10-10 International Sprint Contest Digital Contest,
Some RTTY, but mostly PSK around 28.120.

April 25-26 -- SP DX RTTY Contest - Extra points for working Polish Provinces.

Looks like I will be able to travel to Visalia this year, just moving a little slower. See you in Visalia. ♦



2015 Get Schroeder Contest Standings

By Bill Kendrick, N6RV

Ten weeks into the new year and we are rapidly approaching the totals from last year! Look at the total entities worked, **229!!!** It would have been more if a few members renewed on time. I am sure we will see a jump in the count when they come back on board.

John has taken a big lead at 216 and Dennis is not far behind. Bill has fell in a hole... well he just did not work as many new ones in the past few weeks! What? John increased his count by 39 since last month and Dennis by 37. Poor Bill struggled to get 44 (and still did not close the gap!)

John is still doing the Schroeder. Smoke is flying from his tuning knob having worked a whopping 877 slots!!!! That is almost twice what he had last month. Dennis picked up another hundred (and that is not enough?) Bill more than doubled his band slots at 536 but is still 357 behind John! What is John doing, taking some experimental DX drug?

If you are in the quest keep on going! ♦

Standings Column Description

Rank: Position in the standings

Call: If you do not know your call look for the one that seems familiar to you.

Count: Number of DXCC entities worked this year.

2015 Get Schroeder Standings					
Total Entities Worked by Members:					229
Rank	Call	Entities	Missed	-QQ	Uniques
1	N6QQ	216	15	0	1
2	NS6C	210	21	6	6
3	N6RV	196	35	20	2
4	K0OK	172	59	44	0
5	KW6PMC	138	93	78	0
6	K6IPV	121	110	95	1
7	W8DX	121	110	95	0
8	N6VNI	120	111	96	2
9	AI6Z	119	112	97	0
10	NK6A	99	132	117	0
11	KT6LA	98	133	118	0
12	AC6DX	79	152	137	0
13	ZL3TE	80	151	136	0
14	N6RU	62	169	154	1
15	SM5GMZ	61	170	155	3
16	W6DR	58	173	158	0
17	K6FG	58	173	158	0
18	KR6C	55	176	161	0
19	K6JEY	44	187	172	0
20	K7MY	40	191	176	0
21	KM6HB	36	195	180	0
22	W6OU	24	207	192	0
23	W6VX	11	220	205	0
24	K6DDJ	11	220	205	0
25	W6SW	9	222	207	0
26	K6AFW	9	222	207	0
27	K6NQY	8	223	208	0
28	K7LA	4	227	212	0
29	KK6FJQ	3	228	213	0
30	K6YUI	3	228	213	0

2015 Worked Matrix

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LY	PJ5	SV9	TU	VK9C	VU	YV
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	LZ	PJ7	T2	TY	VK9L	VU4	YV0
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OA	PY	T30	TZ	VK9M	VU7	Z2
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OD	PY0F	T31	UA	VK9N	XE	Z3
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OE	PY0S	T32	UA0	VK9W	XF4	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH	PY0T	T33	UA2	VK9X	XT	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH5K	OH0	PZ	T5	UJ	VP2E	XU	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH7K	OK	S0	T8	UR	VP2V	XX9	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FR/G	HB0	J7	KH8	OM	S2	TA	V2	VP5	XZ	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/J	HC	J8	KH8S	ON	S5	TF	V3	VP6	YA	ZD9
3DA	5U	9M2	C2	D4	ET	FR/T	HC8	JA	KH9	OX	S7	TG	V4	VP6/D	YB	ZF
3V	5V7	9M6	C3	D6	EU	FS	HH	JD1/M	KL7	OY	S9	TI	V5	VP8	YI	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP4	P4	ST	TK	V8	VP8/O	YL	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	KP5	P5	SU	TL	VE	VP8/S	YN	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LA	PA	SV	TN	VK	VP9	YO	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS8

2015 Get Schroeder Contest Standings (details)

Compiled by Bill Kendrick, N6RV

SCDXC GET SCHRODER STANDINGS 2015															
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs
1	N6QQ	0	0	0	104	65	171	113	170	99	155	0	216	877	58
2	NS6C	2	13	0	48	31	61	32	61	51	54	0	208	353	47
3	N6RV	7	22	0	85	4	130	21	134	14	119	0	196	536	59
4	K0OK	1	7	0	18	11	39	29	50	48	61	0	172	264	47
5	KW6PMC	3	12	0	33	5	68	18	81	39	42	0	138	301	58
6	K6IPV	8	23	0	15	21	20	24	40	38	46	1	121	236	58
7	W8DX	2	6	0	43	20	39	15	31	23	38	0	121	217	52
8	N6VNI	0	16	0	35	5	47	27	48	26	37	0	120	241	36
9	AI6Z	3	6	0	38	5	40	5	62	4	65	0	119	228	37
10	NK6A	0	0	0	5	2	55	1	62	2	84	0	99	211	61
11	KT6LA	0	35	0	16	0	54	0	58	1	56	0	98	220	46
12	AC6DX	0	4	0	11	7	7	3	17	6	59	0	79	114	24
13	ZL3TE	0	4	0	17	9	27	15	21	17	26	0	78	136	16
14	N6RU	0	1	0	4	0	22	2	20	7	45	0	62	101	22
15	SM5GMZ	0	2	0	36	0	36	0	51	0	16	0	61	141	36
16	W6DR	8	22	0	34	1	16	2	17	5	19	0	58	124	58
17	K6FG	1	1	0	9	7	11	16	6	20	25	0	58	96	28
18	KR6C	1	3	0	1	3	18	5	22	14	15	0	55	82	43
19	K6JEY	0	5	0	26	0	18	0	20	0	4	0	44	73	35
20	K7MY	0	2	0	0	0	21	0	16	0	20	0	40	59	8
21	KM6HB	1	2	0	5	3	10	3	14	4	16	0	32	58	70
22	W6OU	1	5	0	5	2	14	6	5	6	9	0	24	53	26
23	W6VX	1	0	0	2	1	4	5	1	3	0	0	11	17	26
24	W6SW	0	0	0	0	0	6	2	1	2	2	0	9	13	25
25	K6AFW	0	0	0	0	4	3	1	0	0	1	0	9	9	11
26	K6NQY	0	0	0	0	0	0	2	2	3	4	0	8	11	60
27	K7LA	0	0	0	0	0	0	1	1	1	1	0	4	4	10
28	KK6FJQ	0	0	0	0	0	0	0	0	0	3	1	3	4	9
29	K6YUI	0	0	0	0	0	0	0	1	1	1	0	3	3	38

SCDXC Newsletter Editor's Note: To reduce our Newsletter's bandwidth we are adjusting the publication frequency of our club member "standings" tables. The DXCC/WAZ Standings table will be published in the May 2015 SCDXC Newsletter and quarterly thereafter. ClubLog standings of SCDXC members will be published quarterly in January, April, July, and October. Our "Get Schroder" standings (such as the above table) will be published every other month, recognizing these change with greater frequency than either the DXCC or ClubLog rankings. The next Get Schroeder lists will appear in our June 2015 SCDXC Newsletter. These changes were discussed at the March 21st SCDXC Board of Directors meeting.

Additionally, all our tables were recently updated to exclude former members and those who have not renewed in 2015. If you wish to be re-instated in our standings tables please re-join the SCDXC—we truly welcome you back and look forward to listing you in our tables. ♦

ClubLog Lifetime Standings

We have brought the ClubLog SCDXC League membership up to date with the 2015 SCDXC roster. If your SCDXC membership is up to date and you are active on ClubLog please send a request to register with the SCDXC League on ClubLog. The procedure is simple. When you log into ClubLog go to Settings then Clubs and request membership to SCDXC. We would like to have as many SCDXC members as possible register on ClubLog and sign up for the SCDXC league.

Here are the SCDXC DXCC Standings including deleted countries from ClubLog. — *Bill Kendrick, N6RV* ♦

SCDXC DXCC STANDINGS 2015															
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Years
1	K6YUI	129	201	0	312	308	362	330	341	312	324	17	365	2636	58
2	W6SR	178	267	0	320	296	352	318	343	283	329	62	357	2748	47
3	K6FG	144	238	0	329	328	351	332	339	315	326	33	355	2735	59
4	N6RV	64	153	0	265	89	342	118	308	64	265	74	355	1742	47
5	W8DX	39	246	0	333	300	347	322	330	267	306	6	352	2496	58
6	N6QQ	56	117	0	270	238	343	284	311	229	269	7	351	2124	58
7	W6OU	3	29	0	96	21	317	87	245	52	211	14	349	1075	52
8	W6VX	164	252	0	319	297	348	332	323	301	312	9	348	2657	38
9	KR6C	130	139	0	222	185	311	226	273	181	193	1	344	1861	36
10	N6HY	126	198	3	294	280	332	302	298	240	246	23	341	2342	34
11	SM5GMZ	136	169	0	261	220	309	223	285	201	229	22	341	2055	61
12	KM6HB	7	134	1	193	113	292	183	278	182	238	14	337	1635	46
13	W6ZPL	3	107	0	168	11	301	161	252	113	203	0	334	1319	41
14	A16Z	14	180	0	238	244	273	251	253	253	236	0	332	1942	24
15	W6SW	0	8	0	15	3	247	8	138	2	80	0	326	501	16
16	NS6C	12	129	0	240	213	302	259	249	232	211	10	325	1857	22
17	N6MXU	24	36	0	136	53	263	116	200	71	186	3	324	1088	36
18	K0OK	9	136	0	204	159	224	220	222	207	208	7	323	1596	28
19	W6DR	79	105	0	193	95	277	99	233	60	196	6	320	1343	48
20	AC6DX	28	128	1	250	136	301	221	241	207	259	6	315	1778	43
21	NK6A	1	14	0	96	69	248	64	252	31	182	0	303	957	34
22	N6VNI	4	59	0	128	77	259	193	220	172	194	7	293	1313	26
23	N6DHz	3	93	1	104	9	238	116	174	86	207	14	293	1045	8
24	N6GP	9	155	0	182	117	241	141	201	135	177	8	287	1366	8
25	ZL3TE	21	58	0	207	153	242	138	211	119	172	1	285	1322	70
26	K6IPV	39	66	0	124	147	170	198	168	168	163	12	279	1255	26
27	K6IRD	0	3	0	28	0	207	94	117	42	95	0	275	586	26
28	KT6LA	0	97	0	125	16	195	114	213	52	171	0	268	983	25
29	K7MY	0	11	0	68	28	192	126	180	93	129	4	267	831	11
30	KW6PMC	3	12	0	36	10	157	123	139	102	105	2	221	689	60
31	K6AFW	2	7	0	48	4	145	16	5	3	177	1	201	408	10
32	K6DXA	0	0	0	0	0	1	1	0	0	175	2	175	179	8
33	NQ6L	0	5	0	30	0	124	2	104	1	27	2	171	295	38
34	AD6LV	0	1	0	20	0	133	15	58	14	68	0	158	309	6
35	W6QE	0	1	0	21	0	76	4	57	0	65	0	149	224	2
36	K7LA	1	6	1	14	0	73	37	99	34	47	0	146	312	23
37	K6NQY	0	1	0	6	0	61	33	56	26	35	2	128	220	7
38	KK6FJQ	0	0	0	0	0	0	0	0	0	122	0	122	122	20
39	K6DSW	1	1	0	35	0	64	10	39	9	70	2	108	231	4
40	N6RU	2	2	0	9	0	20	11	25	16	63	1	90	149	20
41	W6MPB	1	3	0	6	4	27	5	26	3	19	1	54	95	14

Propagation Report

What Happened Last Month and What to Expect This Month

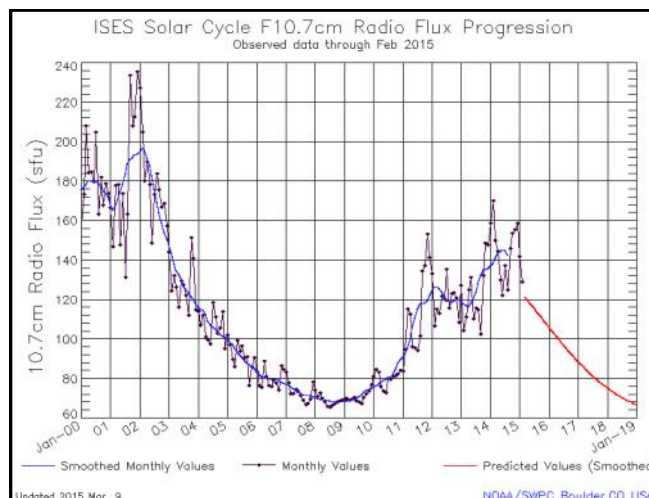
By: Bill Kendrick, N6RV

Though the Sunspot number and the Solar Flux index are steadily declining the higher bands are still open to long haul DX. The SSN we are seeing now rival those two years ago and at the beginning of Cycle 24.

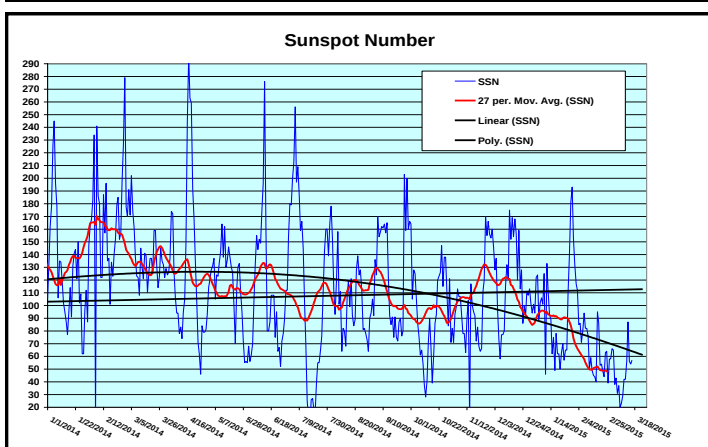
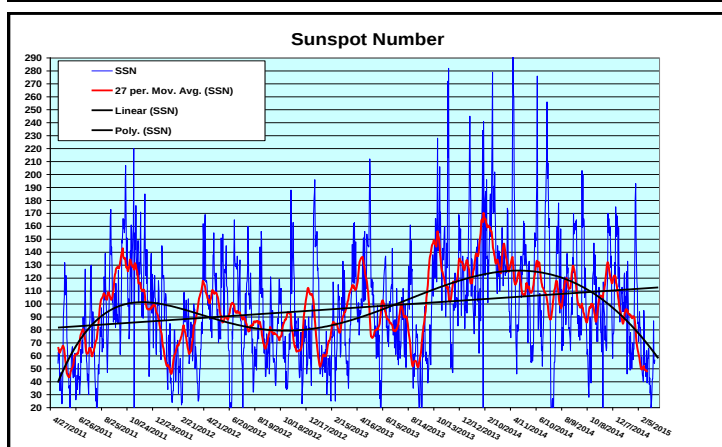
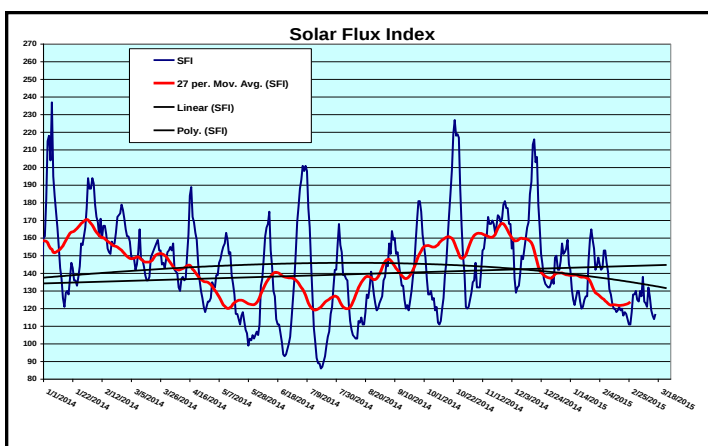
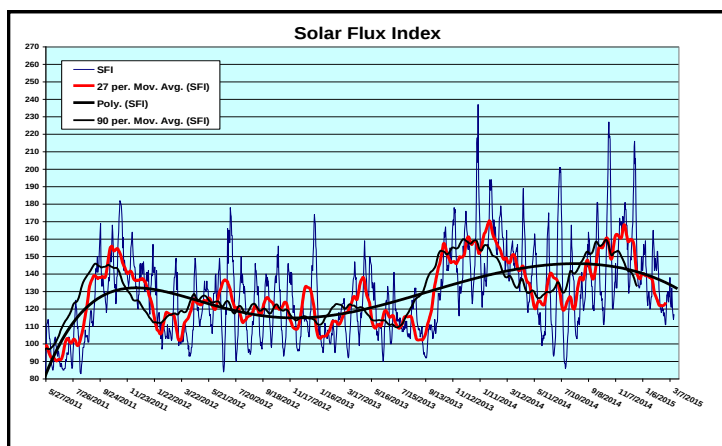
We are entering into Spring. As the days get longer the noise level will increase on the low bands and absorption will increase on the higher frequencies. By the WPX CW contest in May things will really be noisy. Six meter sporadic E season is just around the corner. It always fills in the summer decline.

Hopefully when the Fall arrives the SSN is still above 110. We might squeeze one more season on 10 meters and that would be fun! Even without 10 & 12 meters 15 meters and down still will yield good long haul propagation.

Think about it. This cycle was greatly delayed. If we have a repeat then the first peak will be in 2025 and run until 2028. I will be 73 at the start. How old will you be? ♦



Editor's Note: To see the detail in these charts, please use the magnification button in your PDF reader (i.e. Adobe Acrobat or the like).





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TI9/3Z9DX Cocos Island

► *Continued from previous page*

The recent DXpedition was headed up by Dom, 3Z9DX. Dom will be activating North Korea in early 2016!

Operators:

Dom, 3Z9DX
Jorge, TI2HMJ
Przemek, SP9SIW
Dimitri, RA9USU

It was a small team however they brought plenty of equipment to keep as many as three stations going.

Equipment:

- 3 - Elecraft K3 Transceivers
- KPA 500 Amplifier
- Acom Amplifier
- Kenwood and Yaesu radios for back up
- 1 - 2 Element Buddipole Vertical Dipole Array 10-20m
- 2 - 3 Element Vertical Dipole Array 10-20m
- 1 - Ground Plane Vertical 40-80m
- 3 - 4 Square Antenna 1 ea for 160m, 80m, & 40m
- 1 - 6m GXP
- 1 - 160m Inverted L
- 1 - 160m Inverted V
- Receive Beverages, Spider Beams

When they first came up on the air there was a failure in the Buddipole which forced them to do some quick thinking. They installed the spider beams and the operation continued.

As seen by the picture below the location was surrounded on three sides by 1200-foot cliffs, not the ideal location however. They did not have permission to set up anywhere else, only at this facility. The shot to the US and Asia was decent however the path to Europe and Oceania was blocked. In spite of this they made many QSOs to those regions.

The arrival was delayed due to rough seas and the DXpedition was cut short due to a storm heading into the area.

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TI9/3Z9DX Cocos Island

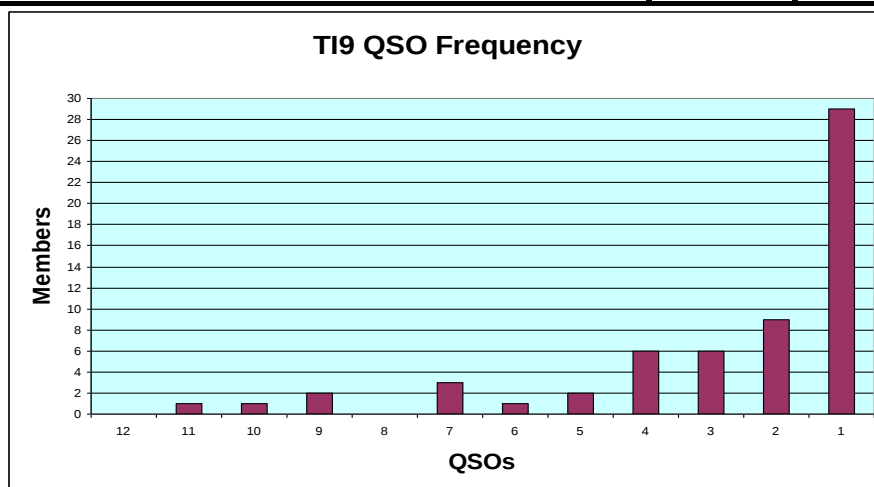
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Given the duration of the DXpedition and the opportunity to work this rare one only 54 members in Southern California got in their logs. Another six from outside the club area also made it. The total club QSOs were 165 comprising 1% of the total QSOs. Unfortunately the log stats were not posted on ClubLog so the usual stats are not available.

Members By Modes		
Mode	Mem	%
CW	28	15%
Phone	53	27%
Digi	1	1%
1 Mode	39	20%
2 Modes	20	10%
3 Modes	1	1%

The most contacts by a member was NS6C with 11 slots followed by N6RV with 10 slots. Only one station worked them on a digital mode, N6RV. 39 members worked them on one mode while 20 worked them on 2 modes. Again only one station worked them on 3 modes. ♦

TI9/3Z9DX Stats		
Statistic	Number	%
Max QSOa by any Member	11	44%
Max QSOs by Member in Southern California	11	44%
Members Worked in Southern California	54	29%
Members Worked Outside Southern California	6	3%
Total Members Worked	60	31%
QSOs by Members in Southern California	139	0.90%
QSOs by Members Outside Southern California	26	0.17%
Total QSOs by Members	165	1.07%
Start Date	2/16/2015	
Stop Date	2/25/2015	
Days	8.8	
QSOs	15485	
QSOs/Day	1770	
Stations	3	
Qs/Station/Day	590	



There are no complaints when sharks are involved!



E30FB Eritrea DXpedition

By Bill Kendrick, N6RV

The Eritrea Dxpedition is just winding down now. What an adventure. For years the Eritrean government refused to issue a license until the fighting with Ethiopia ceased. Thanks to Zorro and the group for a job above and beyond!

Eritrea is in the horn of Africa, bordered by the Red Sea, The Sudan, Ethiopia and Djibouti. The country includes several islands in the Red Sea. The land mass is about the size of Pennsylvania. The climate is hot and dry along the coast, cooler and wetter in the central highlands, and semi-arid in the western hills and lowlands. The country strategically is at a choke point for the busiest shipping lane in the world. It is a single party government (People's Front for Democracy and Justice (PFDJ)) which controls all media. The constitution, which has never been implemented, does provide for a multi-party government.

It suffices to say that the region is very old. In fact the remains one of the earliest hominids was found there. The oldest written reference to the region that includes Eritrea is in a 2500 BC Egyptian fable. Archeological digs have discovered communities dating back to 3500 BC. Egyptians set up trading posts along the Red Sea. Furthermore the region was chronicled by the Egyptians in 1100 BC. Around the 800 BC the kingdom of D'mt was established in Eritrea and Northern Ethiopia followed by the state of Aksum which remained until around 700 AD. It adopted Christianity early on and is the second country to declare itself Christian after Armenia which was decimated by the Turks. Aksum in its day was considered the fourth greatest civilization, on a par with China, Persia, and Rome. After Aksum declined the region came under tribal and clan control. Islam took root and the region was divided into 5 kingdoms. In 1578 AD the Ottoman Empire began its domination of the region. This lasted 300 years. The land was then left to the Egyptians and later was taken over by the Italians in 1885 through the purchase of a company started by an Italian priest. The only resistance to this hijack was from the King of Ethiopia who occupied the highlands to the South. To this day that border is still disputed. The Italians who first named the region Eritrea, after the Greek word for the Red Sea, remained in control until WWII after that the UN voted to have Ethiopia annex the region. Eritrea disappeared into the 14th province of Ethiopia in 1961. The region became a battle zone for many years. The pro western government of Ethiopia gave way to a Soviet backed Marxist government ending the US support for Ethiopia. Finally in 1991 after the Soviet meltdown the Eritreans wrested back control of the region. In 1993 Eritrea again became an independent nation. The border dispute has not been resolved though most fighting has ceased with UN monitoring.

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E30FB Eritrea DXpedition

► *Continued from previous page*

Operators:

Zorro, JH1AJT, Co - Leader
 Paul, N6PSE, Co - Leader;
 Franz, DJ9ZB; Jay, JA1TRC; Yuki, JH1NBN;
 Kazu, JH1OGX; Tom, NQ7R; Dave, WD5COV;
 Dmitri, RA9USU

Equipment:

4 - Elecraft K3 Transceivers
 4 - Elecraft KPA 500 Amplifiers
 2 - Kenwood TS 590S Transceivers
 2 - Acom 1010 Amplifiers
 Yagis 20 - 10 meters
 Verticals 160 - 30 meters

The team set up in a hotel in Asmara. They put the antennas on the roof. Two antennas and a computer were damaged in shipment. They started out with 3 stations and found a replacement for the fourth computer. They also repaired the broken antennas. The set back prevented them from operating the WARC bands during the ARRL SSB contest. Writing this article began two days before the end of the operation. In general the low bands have been very bad and the higher frequencies very good. It is a difficult area to hit from the West Coast and they have made valiant efforts to give us ample access.

The DXpedition yielded 62,665 QSOs with over 3.6%, 2270, of them ATNO and 9018, 14.4% of the QSOs filled needed modes and slots. That is an impressive amount of new ones!

From the club stats 51 members, 28%, made 160 QSOs. 136 QSOs were by 44 members in Southern California. That comprises 0.26% of all the contacts made by the DXpedition. The majority of the contacts, 106, were Phone, 46 we CW and 8 were on RTTY. Amazingly 15 meters yielded the most QSOs followed by 10 meters. Curiously 20 meters was not as productive. Possibly 20 meter slots were filled by previous DXpeditions.

Dennis, NS6C, with his 3 element SteppIR at 40 feet, managed to fill the most slots, 10. Will, K6ND followed with 9 slots and Rich, W6VX, with 8. Honorable mention goes to Jim, W6OU, John, N6QQ, Mark, K6FG, Keith K6GXO, Don, K6IPV, Bill, N6RV, Steve, AC6DX, Jerry, K6QU, and Al, K6RYA for snagging at least 5 band slots. 5 members managed to work them on 3 modes.

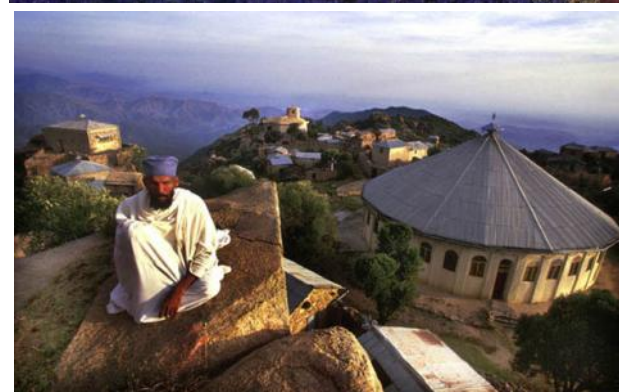
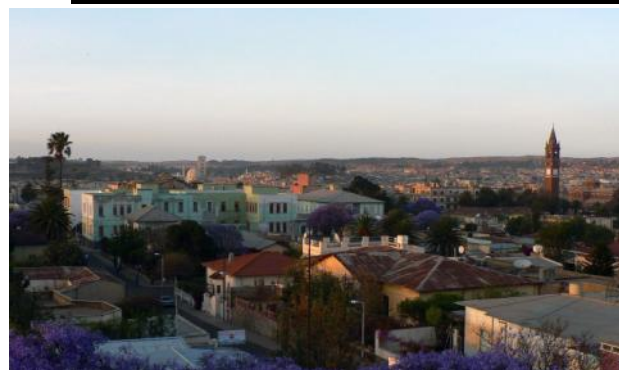
Unfortunately no photos of the DXpedition have been posted on line. I am sure they will have a story to tell at Visalia! ♦

E30FB			
Statistic		Number	%
Max QSOa by any Member		10	40%
Max QSOs by Member in Southern California		10	40%
Members Worked in Southern California		44	26%
Members Worked Outside Southern California		7	4%
Total Members Worked		51	28%
QSOs by Members in Southern California		136	0.22%
QSOs by Members Outside Southern California		24	0.04%
Start Date		3/6/2015	
Stop Date		3/17/2015	
Days		10.8	
QSOs		62665	
QSOs/Day		5824	
Stations		4	
Qs/Station/Day		1456	

Members By Modes		
Mode	Mem	%
CW	28	16%
Phone	45	25%
Digi	8	4%
1 Mode	26	15%
2 Modes	20	11%
3 Modes	5	3%

Multi Slot QSOs					
Slots	Mem	%	Cum	%	%
10	1	1%	1	0.6%	1%
9	1	1%	2	1.1%	1%
8	1	1%	3	1.7%	2%
7	2	1%	5	2.8%	3%
6	4	2%	9	5.0%	5%
5	3	2%	12	6.7%	7%
4	6	3%	18	10.1%	10%
3	8	4%	26	14.5%	15%
2	7	4%	33	18.4%	18%
1	18	10%	51	28.5%	28%
0	128	72%	179	100.0%	100%

E30FB Breakdown by Continent					
Band	PH	CW	RTTY	Total	
AF	275	112	28	415	0.7%
AN	0	1	0	1	0.0%
AS	3295	2490	63	5848	9.3%
EU	20490	16550	1741	38781	61.9%
NA	8351	7029	892	16272	26.0%
OC	339	166	12	517	0.8%
SA	555	226	50	831	1.3%
Totals	33305	26574	2786	62665	



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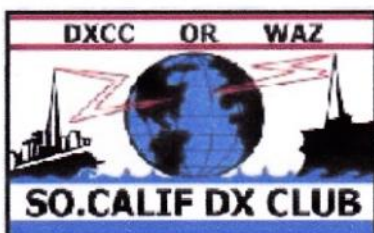
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Southern California DX Club, Inc.

Membership Renewal []

New Member Application []

Date _____

Name _____ Birthday (MM) _____ Call Sign _____

Spouses Name _____ Birthday (MM) _____ Call Sign _____

Mailing Address _____

City _____ State _____ Zip _____

Telephone Home: (_____) _____ - _____ [] Do not list in club directory

Work: (_____) _____ - _____ [] Do not list in club directory

E-mail: _____ [] Do not list in club directory or web site

Have you confirmed 40 CQ Zones? Not yet: [], Yes [], I have a WAZ certificate: [].

Spouse? Not yet: [], Yes [], Has a WAZ certificate: [].

Have you confirmed 100 Countries? Not yet: [], Yes [], I have a DXCC certificate: [].

Spouse? Not yet: [], Yes [], Has a DXCC certificate: [].

Are you an ARRL Member? No: [] Yes: [] Life: []

Renewal Membership, Full or Associate - \$24.00 USD Per Calendar Year (Jan – Dec)
(Additional Family Members \$6.00 USD ea)

Overseas / Supporting Membership - \$24.00 USD Per Calendar Year (Jan – Dec)

New Membership, All Types - \$2.00 Times the Number of Months Remaining in Year
(Example: Join in September, pay 4 x \$2.00 – Family Members @ additional 25%)

BADGES

Small: (1.5"H X 2"W) [] Medium: (2"H X 3"W) [] Large: (3"H X 3.75"W) []

\$12.00 USD ea including postage (to US addresses)

For badge shipping costs to overseas locations contact Mel Hughes, K6SY at k6sy@scdxc.org.

Make checks payable to Southern California DX Club or SCDXC

Mail Membership Fees and/or Badge Fees to:

Mel Hughes, K6SY, 28017 San Nicolas Dr., Rancho Palos Verdes, CA 90275

For club use only

Dues recvd by _____ Amt \$ _____ Date _____ Full Member []

QSLs verified by _____ Date _____ Associate Member []

DXCC _____ WAZ _____ Former Member _____ At-Large Member []

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Western Amateur Radio Association

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Phone Numbers: Home Phone: 562/691-7898 Cell Phone: 562/544-7373

Email: jac2247@gmail.com Or N6VNI@arri.net

**Sponsoring Club: N6ME Western Amateur Radio Association,
Fullerton, Ca. "WARA"**

Test site location:

La Habra Community Center.

101 W. La Habra Blvd., La Habra, CA 90631

Date and Times - Third Thursday of every month, @ 6 P.M. unless otherwise noted. Pre-Registration is requested and preferred. Walk-ins are welcome.

2015 TESTING SESSIONS

Thursday, January 15th, 2015 6 p.m.

Thursday, February 19th, 2015 6 p.m.

Thursday, March 19th, 2015 6 p.m.

**Thursday, April 16th, 2015 6 p.m. NOTE: Location change –this date only
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

**Thursday, May 21st, 2015 6 p.m. NOTE: Location change – this date only
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)**

Thursday, June 18th, 2015 6 p.m.

Thursday, July 16th, 2015 6 p.m.

Thursday, August 20th, 2015 6 p.m.

Thursday, September 17th, 2015 6 p.m.

Thursday, October 15th, 2015 6 p.m..

Thursday, November 19th, 2015 6 p.m.

On Exam Day Bring the Following Items

- A legal photo ID (driver's license, passport) or Two forms of non-photo ID; e.g., birth certificate, social security card, library card, utility bill or other business correspondence with name of the examinee as it appears on the Form 605 and current mailing address.
- Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
- If applicable, the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may have from previous exam session. (Photocopies will not be returned.)
- Two number two pencils with erasers, and a pen.
- A calculator with memory erased and formulas cleared (no iPhones, iPads, etc.).
- Test Fee: \$15.00 (cash or check).

If you fail an element and wish to retake it, we are required to charge an additional test fee. If you pass an element, we typically offer and encourage you to take the next element. We do not charge an additional test fee for this and it gives you the opportunity to see what the next exam element is like!



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